



# Safety Data Sheet

Conforms To United Nations' Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

Revision Date/Version No.: 01-06-2020/3/2.1.6

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

### AKRON®SHIELD SURFACE

# 502

Trade Name & Synonyms: **AKRON®SHIELD SURFACE**  
Chemical Name/Synonyms: AKRON®SHIELD SURFACE  
Chemical Family: Sanitizer  
Formula: Mixture

Manufacturer: **The Akron (S) Pte Ltd**  
Manufacturer Address: 30 Loyang Way #04-19  
Singapore 508469  
Manufacturer Contact: (65) 6291 3300

## SECTION 2: HAZARDS IDENTIFICATION

### GHS Label Elements

#### Pictograms:



Signal Words : **N.A**

### GHS Hazard Statements:

#### Physical Statements

H302 : Harmful if swallowed  
H320 : Causes Eye Irritation

#### General Precautionary Statements

P333 : If Skin Irritation or rash occurs : Seek medical attention / advice immediately  
P101 : If medical advice is needed, have product container or label at hand  
P102 : Keep out of reach of children  
P103 : Read Label Before use

P202 : Do not handle until all safety precautions have been read and understood

GHS Precautionary Equipments Advised To Be Used:



### SECTION 3: COMPOSITION & INFORMATION ON PRODUCT

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#### Hazard Identification of Product:

| Substance Identification | CAS No.   | Percentage |
|--------------------------|-----------|------------|
| Benzalkonium Chloride    | 8001-54-5 | <3%        |
| Dye                      | 0         | <0.05%     |
| Fragrance                | 0         | <1%        |
|                          |           |            |
|                          |           |            |
|                          |           |            |

Chemical Family: Sanitizer

Product Description/Identity: A Blend of Q.A.C anti bacterial compound with fragrance and dye.

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### SECTION 4: FIRST AID MEASURES

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#### Inhalation:

P304 : If Inhaled : if uncomfortable breathing occurs, Remove victim to fresh air and keep at rest in a position comfortable for breathing.

#### Skin Contact:

P333 : If Skin Irritation or rash occurs : Seek medical attention / advice immediately

P302 : If on Skin : wash off affected area with water and mild soap. If persistent irritation is apparent, obtain immediately medical advice.

#### Eye Contact:

P305 : If In Eyes : Rinse immediately the eyes with plenty of water for at least 15 minutes. If signs of tissue damage or persistent irritation is apparent obtain immediate medical advice.

#### Ingestion:

P301 : If Swallowed : Rinse mouth with water , seek immediate medical attention.

P331 : Do Not induce vomiting

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### SECTION 5: FIRE FIGHTING MEASURES

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**Extinguishing Method:**

This Product is not flammable , therefore there is no fire hazard issue

**Specific Hazards:**

This Product is not flammable , therefore there is no fire hazard issue

**Specific Methods:**

This Product is not flammable, therefore there is no specific method

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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**Personal Precautions:**

Refer to section 2, PPE Advisory

**Methods for Cleaning Up:**

Pick up an absorbent material or flush away with water

**Environmental Precautions:**

P501 : Dispose of contents / containers accordance to singapore regulations

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**SECTION 7: HANDLING AND STORAGE**

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**Handling of Product:**

P403 : Store in a well ventilated place

**Storage Area Specification:**

- P402+404: Store in a dry place. Store in a closed container.
- P410+403: Protect from sunlight. Store in a well ventilated place.

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**SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION**

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**Respiratory Protection:**

Refer to section 2, PPE Advisory

**Eye Protection:**

Refer to section 2, PPE Advisory

**Skin Protection:**

Avoid **prolonged** skin contact. Use chemical resistant gloves as needed.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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|                                  |                                   |   |
|----------------------------------|-----------------------------------|---|
| Physical:                        | Liquid                            |   |
| Appearance:                      | Clear                             |   |
| Color:                           | Blue                              |   |
| Odour:                           | Green tea                         |   |
| Specific Gravity:                | 1.00 - 1.05                       |   |
| p.H Value:                       | 7.0 - 8.0                         |   |
| Flash Point:                     | N.A                               |   |
| Solubility In Water:             | 5                                 | 1- Insoluble / 2-inadequate / 3- Slightly Soluble / 4-Soluble / 5-Highly Soluble        |
| Foaming Tendency:                | 2                                 | 1- No foam / 2-Slight Foam / 3-Moderate Foaming / 4-High Foaming / 5-Ultra High Foaming |
| Phosphate Content as Percentage: | N.A                               |   |
| Shelf Life of Product:           | 1 Year Min, In Unopened Container |   |

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## SECTION 10: STABILITY AND REACTIVITY

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### Stability:

Stable at normal conditions.

### Material To Avoid:

Avoid contact with strong oxidizing materials and bleaching solution.

### Hazardous Decomposition Procedures:

Thermal decomposition may produce oxides of carbon.

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## SECTION 11: TOXICOLOGICAL INFORMATION

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Based on the ingredients in this composition and their concentrations this product is harmful by ingestion and may be sometimes irritating when pure.

This Product has not been tested against animals as subjects, based on knowledge and ingredients in this composition this product is harmful by ingestion

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## SECTION 12: ECOLOGICAL INFORMATION

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|                    |               |
|--------------------|---------------|
| Biodegradability:  | Yes           |
| Fish Toxicity:     | No            |
| Other Information: | Not available |

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## SECTION 13: DISPOSAL CONSIDERATION

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P501 : Dispose of contents / containers accordance to singapore regulations

Container remains hazardous when empty, continue to observe all precautions as stated

Please kindly refer to Local authorities for any disposal regulations.

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## SECTION 14: TRANSPORTATION INFORMATION

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**Further Information:**

Not classified as dangerous in the meaning of transportation regulations.

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**SECTION 15: REGULATORY INFORMATION**

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**Labelling:**

GHS Compliance with accordance to product, Labels of product must consist of product name and GHS Label Elements if required.

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**SECTION 16: OTHER INFORMATIONS**

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This SDS is created based on regulations of GHS and Workplace Safety and Health Act and Workplace Safety and Health (General Provisions) Regulations . The product is subjected to GHS labelling system and requirements.

Usage Information:

Recommended Dilution ( 1 Part of Product : X Part Of Water)

Use Neat : Do Not Dilute

The data of this MSDS are correct to the best of our knowledge and belief at the date of its publication. They are consistent with the state of general scientific and technical knowledge at that date. We cannot accept liability for any loss, injury, and damage which may result from its use.☒

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*- End of SDS -*